



Whitemarsh
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Section of
Data Architectures Material

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Data Architecture Types

An enterprise-wide data architecture contains five different classes of databases. These are:

- ! Reference databases
- ! Operational application databases
- ! Transaction data staging area databases
- ! Operational data store databases
- ! Warehouse databases

Figure 1 presents all five of these database classes within the context of an overall enterprise data architecture. At the bottom of each of the second to the fifth data class are its most significant characteristics. Figure 2 contains a six column table that describes each data class in terms of:

- ! Persistent data collection name
- ! Persistent data characteristics
- ! Process characteristics
- ! User considerations
- ! Technical considerations
- ! Examples

A description of each of these five data classifications follows.



Reference Data

